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No. 4.

A FLOWER AUCTION.

Who will buy pansies?
There are her eyes,
Dew soft and tender,
Love in them lies.
Who will buy roses?
There are her lips,
And there is the nectar
That Cupidon sips.
Who will buy lilies?
There are her cheeks,
And there is the sly blush
That maidhood bespeaks.

WILLIAM BLACK.

MADAGASCAR PERIWINKLE.

THE common hardy periwinkle, *Vinca minor*, has become so widely disseminated, and is, withal, so useful a plant that few are not acquainted with it. It is very frequently called myrtle, and is one of the best plants for shady places, covering the ground under trees, and is very commonly found in cemeteries, places to which it is well adapted. Its bright blue flowers are quite distinct in form and the resemblance except in color, of the Madagascar species will be immediately noticed. *Vinca major* with its larger leaves has the same trailing habit as the common periwinkle, but the plant now illustrated on this page is low growing and erect, bearing its flowers in the axils of the leaves and at the extremities of the stems. The flowers are borne throughout the summer. It is a very neat plant, with clean, smooth, shiny leaves, and is interesting for the greenhouse and window. It is a perennial but the flowers are produced most freely on young plants, and as it is easily raised from seed it is better to raise a stock of plants each season than to carry them over. The flowers are white with a pink eye or center, and quite attractive. There is no particular trouble to germinate the seeds or to raise the plants.

The plants should be potted in good substantial fresh soil, be given a good light, the nearer the glass the better, to keep them stocky; a heat of 60° to 70° is suitable, and by keeping them growing without a check strong plants can be made which will bloom abundantly. Besides the name given it is sometimes called old maid, and cape periwinkle. Its botanical name is *Vinca rosea*. The name *vinca* or *pervinca*, a slightly different form, was the one used for this plant by Pliny, and from which it is easy to perceive how we get our name periwinkle. Those who are looking for pretty window and conservatory plants should give a trial to the Madagascar periwinkle.

FLORICULTURE IN THE SOUTH.

I.

THE object of this paper and others that may follow, is to say something bearing directly upon floriculture in the South.

When it is considered that the South has innumerable and great advantages over the North, it is a strange fact that, taking the year round, there are ten cultivated flowers in the North to one in the South. The very ease with which flowers may be had in the South is one of the reasons why they are not more extensively grown. Another reason is that so large a part of the year is suitable to outdoor flowers, and they are so easily grown then, that Southern people do not take the pains they ought to have them the year round.



MADAGASCAR PERIWINKLE.

However this may be, it is true that there is a growing love for all kinds of flowers in the South. But there is great need for information among our people, as to the mode of their culture. While there are many things to be found in catalogues and flower books published in the North, which are applicable in any and every climate, there are other things which are totally inapplicable; and the Southern florist who undertakes to grow flowers by the direction of Northern books, will either make many egregious failures, or he will do a great many unnecessary and expensive things. I have lived

in all parts of the South, from the Gulf of Mexico to the Ohio River, and I know that wherever a good florist is found in the South he is one who has had to learn by that hardest of all methods, experience, how to succeed.

I remember in several instances how plants, which needed and had in the North special treatment, were sent to me and absolutely rebelled against the same treatment from my hands. I have almost believed sometimes that plants know when they are in the sunny South. I have always been successful with all kinds of flowers, but on one occasion I ordered a number of exotic bulbs from a Northern nursery. I only remember the agapanthus. I followed the directions to the letter in their treatment, yet year after year passed and there were no flowers. I gave up, and in the late fall in cleaning my conservatory for the winter, I dug a trench in the garden and placed these bulbs in carelessly. In a little while they were out of my mind. I had only buried them to make a truce with my conscience, for I did not like to seem to throw away plants which had cost me so much money and labor. The next spring and summer the product of that trench was a marvel of beauty, and the admiration of crowds who came to see it.

I am satisfied that a large proportion of bulbs which are kept under cover in the North the year round, could be grown in the highest perfection here by being planted in the open ground and then given a slight protection by way of covering during the months of January and February. The fact is that a large number of the finest flowers claim for their habitat different parts of the earth, which are, in climate, more like the South than the North. And it is like coming home, to these flowers, when they are managed intelligently in the South. Flowers are very wise, and they know as well as we the different angles of the sun's rays, and they know, too, the difference between the confinement of a greenhouse and perfect freedom of the soil and a covering whose rafters are the constellations and whose protection is the canopy of heaven.

There is need, too, that our people cultivate greater varieties of flowers. While flowers are innumerable almost as to families, it is true that those to be seen in Southern gardens may be counted on the fingers of the hand. An average garden in the South has roses, may be a few lilies—*Lilium candidum*, a spirea, several cape jasmines, gardenia, some verbenas, and in the way of annuals petunias or phlox. A few years ago it was an astonishment to well-informed people when they saw in my yard hundreds of species.

It is my object to encourage a wider study and a more extensive cultivation of flowers in the South. To this end I shall try to give some information that I have gained by experience. Flowers are educators, and they never educate toward evil. In my own mind they are associated with mother, home and heaven.

W. A. M.

OUTWITTING JACK FROST.

CHAPTER II.

THE public is much more appreciative of a display of flowers in the spring than at any other time. Any amateur's yard that has beautiful flowers blooming in it at all possible seasons is certain to have many admirers, but the high tide of admiration is reached when the yard is aflame with early spring tulips, daffodils and hyacinths. It is then that troops of children gaze wistfully at the forbidden beauties as they go by to school; then that the passing stranger stops to look long on the gorgeous array before him; and then that the yard is daily visited by young and by old, by those who love flowers and by those who are usually indifferent to them. Nearly every visitor vows to have a few beds of early spring flowers the next year for his very own. And, if the flowers could be secured by planting the bulbs just then or paying liberally for them at the time they are seen in bloom, nine-tenths of these vows would be kept. But it is "out of sight out of mind," with flowers as with other things. An early display of flowers always means a thorough preparation the fall before, just when most people think least about garden making. No tiny seedling or dormant bulb can be expected to grow quickly into a plant sturdy and vigorous enough to face the early spring's inclement weather—weather that may be fair and balmy as the South one day, snowing, freezing or sleeting, or blowing a perfect gale the next. Fortunately we have plants that when once well established are of almost arctic hardiness. These plants, herbaceous, shrubby or bulbous, will give us a constant succession of bloom from the time the backbone of winter is broken until the last frost is gone and summer is at our door.

The single snowdrop, the earliest flower of all, blooms in the first mild days of middle winter, usually after the severest weather of the season has passed. Here I expect the snowdrops under evergreens and in sheltered nooks to appear some time between the 20th and 30th of January. We are not safe from frosts until the latter part of April, but we are never without flowers after the first appearance of snowdrops, making full three months of spring flowers possible in the latitude of Southern Missouri, Arkansas, Kentucky and Tennessee. In the far North, with its severer winters and more abrupt change of seasons, this period of spring flowers may be cut in half, but even six weeks of flowers in an otherwise dreary season are well worth working for, not only because they come in such a welcome time, but because nature displays herself in exquisite forms and intense and vivid colorings of these her first and favorite children.

Our country is so great, and its climate so diversified, it is impossible to give an inflexible rule as to time of blooming. Choice of location alone widely influences time of blooming. Flowers of the same variety, in the same yard, often bloom two weeks earlier in a sheltered corner than those in the more exposed beds. Experience teaches me it is important to give as sheltered a location as possible to even the hardiest of plants, and to mulch liberally all bulbs or other plants standing on the open lawn, that are wanted for early bloom. The mulch and the shelter protect the roots from quick alternations of freezing and thawing and act like a blanket in breaking the force of raw winds

and sleet. I find, also, there is a great difference in the amount of actual freezing the open blooms of different varieties will stand without injury. A severe freeze will "cook" the blossoms of tulips, narcissus and jonquils, while it will not injure open blooms of snowdrops, Scilla Sibirica, glory of the snow, crocus, hyacinths, pansies, violets and forsythias. These more easily injured flowers should be protected by some light covering, in unusually severe weather, or one may lose all their beauty by one night's neglect.

The pure white bloom of the snowdrop is quickly followed by the crocus, bulbocodium, Scilla Sibirica, pansy and winter aconite, which are as closely followed by violets, Duc van Thol tulips, Roman hyacinths and chionodoxa; after these come the bulk of spring bulbs, tulips, hyacinths, muscari, etc., the early shrubs, forsythias, Pyrus Japonica, exochordias, flowering almonds, etc., the old and new garden favorites, Vinca minor, or running myrtle, Alyssum saxatile, various anemones, iris, aubretias, hellebores, hardy primroses, saxifrages, etc., and the modest flowers of the wildwood, hepaticas, blood-roots, houstonias, and others; space would fail us to name them or describe them, but to me from middle to late spring is the feast of flowers I most enjoy. I revel in their bright colors and warm hues. I want to see masses and lines, borders and groups of them everywhere. I am tired of winter's somber robes and neutral tints, tired of having my flowers doled out to me a few potsful at a time. I am heartsick for a wealth of bloom that will still leave me rich in flowers after I have divided with the children, the sick and the aged, and with my less fortunate neighbors, and glad I am that this result can be so easily secured by a little effort on my part.

LORA S. LAMANCE.

A FLOWER CRANK.

WHO ever saw anybody succeed with flowers that did not make a hobby of it or was not what is called nowadays a "crank." I don't see how we ever got along without this word *crank*. Everyone with a peculiarity is a crank. My husband calls me a flower crank—I think I must be one for I dearly love flowers, and I date way back to childhood when I first received James Vick's catalogue. I remember his telling some funny things about his going to Europe with one of his sons, his not knowing what some one said and his son interpreting for him. I never saw a paper or magazine devoted to flowers in those days, so I read and re-read the catalogue. Everything in that catalogue was described, color, height and culture, right there where the flower was illustrated. It seems to me the catalogues do not pay so much attention to that as he used to. Now I have my Magazine and I devour that as eagerly as a tramp would his breakfast. I have my hobbies, too; one year it is roses, the next something else. This year it is bulbs. I wanted everything in the catalogue; I marked what I thought I *must* have, but alas! I had to leave out lots of them. My purse is so slim and wants so many.

My montbretias especially pleased me this summer; they gave more satisfaction than gladioli. Each bulb sent up four or five flower stalks, bloomed longer and increased rapidly. I took the small bulbs off and planted round the edge of pot that had another plant in it.

Am going to keep them growing all winter to hasten their growth to blooming size. Is that right?

I want to tell the readers of my rose bed, my success and my failure. For the bed I had the soil removed three feet and stone put in the bottom of the excavation, then a mixture of straw, sand, manure and garden soil. I planted one hundred and eighty-six roses. My bed cost me twelve dollars. Several years it grew and was beautiful. Such roses. Many declared they looked as if they were grown in a greenhouse. I told my husband that the bed needed fertilizing, and before I knew it he had drawn and deposited several inches of chip dirt (I should think at least six inches) in all stages of decomposition, from sawdust to large chips. When I saw it I said "Oh my!" I knew I could never remove all that dirt, and he protested that it was just the thing for my roses, and would soon rot. I have been picking the large chips from that bed for two years and every time I touch the soil out they tumble as thick as ever. The soil is as dry as a desert and all under ground covered with mold or some fungus. Nearly all the roses have succumbed. This year I made a new bed with well rotted manure and some clay, no especial work; and I intend to see that no chips go near that bed.

LETTIE.

FLOWERS IN A CITY BACK YARD.

THIS is the way a city lady, an invalid, whose name is illustrious in our country's history, managed to have flowers. The story is told in her own words.

"When I came here this yard was one big brick, it wasn't fired, only sun-dried. There wasn't a blade of grass or even a weed. I thought I would have something to enrich it and, above all, sand to lighten it. But I found sand 'ruled in the market' about as high as gold dust, and what I wanted would cost a king's ransom. So I had to do something else. I never had anything carried off the place. All the cinders were sifted out and the ashes dug in all over the yard. Of course, being coal ashes, they didn't enrich the soil, their effect was only mechanical—they did lighten it. Then whatever was left from the table I buried in the yard, with all the parings of the vegetables and every scrap of every kind which could not be used in the house. Fish skins and bones are particularly good. When weeds began to grow I pulled them up and buried them. Things you would never think of are good for flower beds. My very finest nasturtiums grew where I buried the kitchen door mat!"

Her biographer adds: "The wall of the next house is so near that the sun never shines upon a narrow strip under the south dining room windows, and in this shady place she had lovely fuchsias which she petted in the house in winter and they grew very large and were seldom without blossoms. The farthest corner of all, damp and dark, was beautiful with great ferns, and in the tiny clothes yard where the afternoon sun shines, were borders gay with flowers; sometimes long vines of brilliant red and yellow nasturtiums even crept over the bit of greensward which belonged to the clothes reel. She could not bear the motion of a carriage, but she could work very gently ten minutes in her flower beds, then go into the house and lie down and rest, and thus bravely worked her way back to health."

Dansville, N. Y. FANNY B. JOHNSON.

BRAZILIAN MORNING GLORY.

WHEN the December number of the Magazine came the first thing that caught my notice was "Brazilian morning glory." Now, I am very much interested in that vine; and as I have the honor of first bringing it into notice anything favorable written of it pleases me. I got a few seeds and planted one in a milk can in the house in March, it came up in a few days and in April I set it near a corner of the house and a tall cross fence. After transplanting it something stepped on it, and broke it off just at the ground. I was terribly disturbed about it, but took the vine, which was about ten inches high, and filling a tumbler with wet sand, put the vine in it. In two weeks the tumbler was full of roots. I turned sand and all out just where the vine had been first planted. It grew, and in August was the largest, most luxuriant vine I had ever seen, with leaves that would cover the largest plate in the house, large bunches of rosy flowers measuring four inches across, and odd looking seed pods. The middle of August we had a severe storm that raged all night, and destroyed nearly everything in the garden. Brazilian morning glory suffered with the rest, but began growing and blooming again, and ripened a quantity of seed. I wrote to an Eastern florist of it and he bought all the seed



BRAZILIAN MORNING GLORY.

I could save for him; and contracted for seed in the future. These seeds come

up here all over the place, just like common morning glories. It is now the 17th of December, and there are hundreds of seeds, just coming up; they come up every month in the year, for we never have ice many days at a time. I had two vines on a pecan tree, which is about forty feet high; the top was covered with vines, and I do not exaggerate when I say thousands of flowers. I gathered ten pounds of seed from them, and I expect there are five pounds still on the tree. The whole vine, leaf, tendrils and stems, are all covered with fine short red hairs, and though bugs, caterpillars and other vermin may destroy cabbage, tomatoes, or other things, these vines are free from pests of any kind. I write this from my own experience with it. I have mailed seeds to many floral friends in almost every State of the Union, in Dakota and Washington, and they have grown and bloomed there well, and in Michigan and Massachusetts they have done the same; there is, therefore, no doubt that the plants can be successfully raised in all parts of the country. If any one wants a vine that will be grand to shut off the rays of the summer sun let them try Brazilian morning glory. MARGARET E. CAMPBELL.

Louisiana.

WESTWARD, HO!

A GLIMPSE of Western Washington at this season of the year would undoubtedly be quite refreshing to Eastern, snowbound people. While you are drawing more closely around your firesides and shivering in your heavy furs, we are still reveling in green fields and flowers. Although winter is upon us, it does not come in such severe and vigorous shape, and though later on we may have a week or two of cold and snowy weather, it will be so mild and gentle that it will be only a relief from the dull monotony of our rainy season, and it will not affect perceptibly the aspect of our fields and gardens. At the present time, which is one week before Christmas, my garden is still gay with pansies; roses are green and growing and, indeed, a couple of bushes have a few buds on that are showing the pink color of their flowers. I have just gathered a handful of Marguerite carnations that are almost in bloom; these, placed in a glass of water will expand, and give color and fragrance to my room for a week or two; here, also, is a creamy auricula with a crimson eye that will bear them company. Plants of self-sown phlox are still growing, and godetias, also self-sown, are two inches high, but I cannot tell how they will come out in the spring, as these are new plants to me, having

tried them for the first time this summer; we have all admired them very much, and will be pleased if they prove hardy enough to go through our winter, as they will then bloom so much earlier in the spring.

I am trying an experiment with sweet peas; I sowed some the last of October and they are two inches high now and look well; I feel sure that they will come through all right as I have frequently transplanted them in the spring from self-sown seed. As I shall make two sowings of them in the spring I shall have an abundance of sweet pea bloom from earliest spring until very late in

the fall. And what can be more fragrant or give more color or delight than a handful of sweet peas?

I shall, also, leave some gladiolus and dahlia bulbs in the garden this winter to see how they will come out; the gladiolus are still green and I think they will not suffer any. Kenilworth ivy is growing and blooming vigorously on the south side of a ten-foot stump, which it bids fair to take complete possession of before long. A lovely fragrant wallflower that bloomed early last March is at-present showing flower heads, and will, I presume, bloom earlier the coming spring; and what a wealth of bloom it will have, as I have just counted sixty perfect beads of flower buds, while innumerable branches will grow and bloom later. On the north side of that row of currant bushes is a long row of crimson auriculas that will be a perfect mass of bloom early in February, their green velvety leaves now making a rich background for the lower growing pansies immediately in front of them. But to tell you of all the green and growing buds and flowers which we are still enjoying would require too much space in your valuable columns for, in fact, vegetation here seems never, at any season, to be wholly at rest. I hope in future to report still more.

MRS. L. M.

THE GOOSEBERRY.

GENERALLY the foreign sorts of gooseberries have been found so difficult to grow free from mildew that their culture has been largely given up in this country. Fortunately, however, we have a good list of American sorts to choose from which are ordinarily hardy and free from disease. Formerly I have been quite successful in growing several native sorts of gooseberries, and for a few years before changing my location grew considerable quantities for market.

To be successful with the gooseberry requires some skill and judgment. In locating the gooseberry plat, select, if possible, a location where the sun will not send its scorching rays full upon the bushes much past midday. The soil should be neither too wet nor too dry, a moist soil well underdrained, so no water will stand about the roots at any season, is preferable. Work the soil deep—no danger of going too deep—and add a liberal dressing of barn manure and work it into the soil before setting the plants. Keep up the fertility afterwards by fall applications of manure and spading it in between the rows. Mulch heavily in summer.

Prune the vines quite severely after the plants have been set a few years; this will give large fruit. Keep the gooseberry worms in check by applying white hellebore, first as soon as the eggs are found after the leaves put out in spring. In ten days go over them again, applying the poison in water; a spoonful of hellebore to a pail of water, using a force pump and sprayer which will send the water with some force among the leaves, the object being to wet all the foliage, especially that on the under part of the plants, as the larger portion of the eggs is laid by the parent fly on the under side of the lower leaves. One or two applications after the fruit is gathered should be given, to destroy later broods of these insects.

L. F. ABBOTT.

CALLA LILY IN THE HOUSE.

I HOPE a large number of the readers of Vick's Magazine took the advice you gave them in the October issue regarding dry bulbs of the calla lily. I will give you my experience with them. I have for a number of years past raised a few callas in the house each winter and have sometimes had a few very small and half starved looking flowers from them; at times I have planted out the bulbs in the ground in the summer and again have laid the pots on their sides in a shady place to dry off the bulbs, but my efforts have never been successful. No matter how I have treated the bulbs in summer, the results have been so poor that I have felt like never making another effort. Last September I thought I would try once more, and if not successful, give up growing them. I sent out to California for a few dry bulbs; when they arrived I found they were very large ones but they looked so dried up that I thought it would be months before they would grow large enough to bloom. They have now been planted less than three months and every bulb has a glorious flower, with other buds in sight. I planted them in quart pots and in the richest soil I had, have given them plenty of sheep manure water; some of the flower stalks have grown forty inches high (from the pot) and the flowers have measured 7 x 8 inches. Altogether they have been the most satisfactory flowers of this winter so far. JERSEY.

THE CYCLAMEN.

ALWAYS loving this plant, so famous for its blooming qualities in greenhouse and parlor, and always buying it—we yet were signally unsuccessful in its culture for many years. We used in this time to envy much the more fortunate ones who seemed to have no lack of that success, and many a time gazed covetously through the panes of some window out of which peeped at us the biggest, brightest and loveliest blossoms of this much to be desired plant, wishing never so vainly that we had half the skill the owner possessed. It was some years before we found out the reason why we had failed, and then set to work over again, with the best possible result.



CYCLAMEN PERSICUM.

It seems that not making special inquiry, and failing to notice others planting, we had covered the crown of the bulb completely when potting it with the soil—however well prepared, and just as the florist advised—and hence, from this apparently simple mistake, soon saw the speedy decline of our plant, as everybody who knows anything about the matter must readily admit. It was a lucky day for us, when better enlightened upon the subject, we set our bulbs, large or small, with their surface or crown well out of the ground and grew successfully the flowers we loved.

Cyclamen are very easily grown from the seed, although large fine bulbs or tubers obtained from the florist will of course insure earlier and greater quantity of blooms. In seed planting, sow in the early spring not later than March. The soil must be rich—well rotted manure and leaf mold and plenty of sand. Cover the seeds not more than an eighth of an inch, place in gentle heat and do not allow them to become too dry or on the other hand be kept constantly soaked with water. In a few weeks they will make their appearance, tiny bulblets already, and when they have made a leaf or two they should be picked out carefully and transplanted into small pots, always allowing about one-third of the bulb exposed—changing constantly into larger pots that they may become thrifty, good sized bulbs by winter, when they will need plenty of good light—nearest the glass is always best—and an occasional application of liquid manure. Seedling bulbs raised in this way will furnish a few flowers the first winter—and, kept on as larger grown bulbs from year to year, will furnish, when well grown, from fifty to a hundred flowers—in very large bulbs.

The roots or bulbs, which are round flatish tubers, are easily obtained at the seed stores or from florists in the autumn. The plant is a winter bloomer and hence autumn is the season for planting large bulbs. The tubers may be planted in any light, rich soil, only one tuber

should be placed in a pot, which should be at least three times larger than the root planted. In the spring, or after the flowers fade, gradually withhold water—the tuber may be allowed to dry, but must never be allowed to shrivel. The tubers may remain in the pots until time for replanting when they can be reset for winter.

Cyclamen Persicum is perhaps the most beautiful of all the family with its many varieties. The leaves are variously heart shaped, deep green with pale gray or white markings. The flowers, standing upon tall slender stems, well up from the leaves, which form the beautiful base, are usually white blotched with crimson, but are often of many shades of red, pink and white.

H. K.

AGRICULTURAL CONGRESS.

OF All the great series of International Congresses which will form so important a feature of the Exposition, the Agricultural Congresses stand among the highest in interest and importance. Agriculture is the basal industry of the world. In it more men are engaged than in any other calling. On its development and prosperity civilization largely depends. It has been well said that “the test of national welfare is the intelligence and prosperity of the farmer.”

In recent times the problem which confronts farmers, as individuals and as a class, have been greatly modified. The calling is feeling the effects of direct, intelligent and persistent care on the part of governments and scientific investigators, as well as the benefits of the accumulated experience of the past. Inventive skill has revolutionized almost all mechanical appliances used in the art of practical farming. The marvelous development of facilities for communication and transportation has made success dependent, not alone on conditions of soil and climate or localized demand. The surplus agricultural products of almost any part of the earth affect the demand of the whole civilized world.

With many evidences of increased intelligence and of prosperity among multitudes of farmers, there is also widespread agricultural depression, and much of unrest and discontent among large numbers of farmers.

It is the purpose of this great International Congress to bring together for conference and discussion from many countries those who, from official position, long continued investigation, or practical and successful experience, shall be best able to report upon the condition of the industry in their own lands, and to suggest the wisest and best means for removing obstacles, securing greater success, and improving the material, social, intellectual and moral conditions of those connected with Agriculture as land owners, working farmers or laborers.

The topics to be discussed must, in the necessities of the case, be of broad and general nature; those which concern principles rather than details of practice, and must not include those of partisan political character. Conference and discussion, and not controversy, will be the work of these Congresses.

Aside from the general questions of interest to all, the topics of discussion are grouped in seven general divisions, the titles of which sufficiently explain their nature. These are:

1. General Farm Culture.
2. Animal Industry.
3. Horticulture.
4. Agricultural Organizations and Legislation.
5. Agricultural Education and Investigation.
6. Good Roads.
7. Household Economics.

The meetings of the Agricultural Congresses will be held in the Art Institute Building, on the Lake Front Park, near the center of the city of Chicago. This building will have two large audience rooms for the principal meetings of the Congresses, and more than twenty smaller rooms which can be used for the smaller meetings required for the consideration of special subjects. The Agricultural Congresses are appointed to begin on Monday, October 16th, 1893, and are expected to extend through the greater part of the two weeks following.

OUR SUNFLOWERS.

OSCAR WILDE was not the first disciple of sunflowers; my father planted the ancestors of those in our vegetable garden years before either Oscar or I saw the light of the sun. And ever since they have sprung up like weeds above the corn, beans and other vegetables; as many as were allowed to stand at hoeing time grew, branched and turned their yellow and brown discs to their sun-god; a perpetual delight to his children.

For several weeks last summer they were the brightest bit of our little flower garden. Often did I see passers-by and city folks pause to admire their sunny faces, that nodded and smiled so cheerily to them across the green lawn. One day a friend, passing her summer in the neighborhood, called and admired the sunflowers so much that I cut her a bouquet of them from the branches where the flowers were not larger than a coffee cup. As we talked I noticed a young miss leaning on the fence and I said to Bertha, “Is she waiting for you?” “I never saw her before in my life,” she replied.

We continued our conversation, but the little maiden lingered still; and at last it occurred to me she was longing for some of those sunflowers. “Would you like a bunch of those sunflowers?” I asked. “Oh yes;” was the quick answer. I cut a large bunch and, when I put



them into her hand at the gate, the smiles and dimples that chased themselves over her face, and the delighted look in the bonny blue eyes of the stranger maiden, seemed to me plenty of thanks without spoken ones. I hardly know which received the most pleasure, for I am sure her evident delight for what cost me but a few steps has made a warm spot in my heart that will linger for many days.

I cannot remember when a multitude of sunflowers did not greet me every summer with their bright faces; but the sight was a new and rare one to the little stranger. We met and passed each other in a moment on the road of life, but a humble sunflower lighted our passage, and both were helped, giver as well as receiver.

It is the little every day things that make or mar life. If we should give freely of what costs us nothing would not the world be a pleasanter abiding place? And we should have returned to us “full measure, pressed down and running over.”

C. H.

THE DREAM-ISLES.

In dreams I sail to charmed isles
Where Fate ne'er frowns but Fortune smiles;
Where golden suns of Peace and Love
Shine all the happy days above,
Dispelling in the blissful air
Each carking ghost of Doubt and Care.
Those isles are not so far away
But one may go there any day,
Sail there, through sunshine or through snowing,
To hear the flutes of Fancy blowing.

There lotus lilies sail the seas
In pearly, perfumed argosies,
Dispensing such rare freightage sweet
As never yet brought fairy fleet
Of breeze-spiced clouds from far Cathay
To breathe a balm round summer day.
The whole, delightful, lily fleet
Rocks in each soft wave's rhythmic beat,
As Hebe's face rocks on the billow
Of Love's life-tide, his heart her pillow.

There fall no wearying vexing rains,
But bird-songs, in bright tangled skeins,
Come spinning from the upper sky
Where float the mists of melody.
Those thrilling songs of Nature sweet
The listening hills with joy repeat.

Hearing, my heart takes up the strain,
And seems to wake to youth again;
And tender thoughts come following after,
As echoes mimic happy laughter.

There, too, in legions varied, vast,
Friends troop up from the shad'wy past,
Each brings a reminiscent joy;
A soulful sweet that will not cloy;
Forgiveness for aught done amiss;
Wrongs of past days made right in this,
And ever in the heart-some train
Mine eyes seek for no friend in vain.
All, all are there; their fond eyes telling
The love which mine own heart is swelling.

Oh! in that fair enchanted land,
Blithe breezes blow on every hand;
Each loved one finds health, wealth and fame;
The guerdon of an honored name;
And Fancy's fairy, fitful key
Gives each one what his wish may be.
Who would not go by day or night
Unto this land of rare delight,
When, e'en without his wish or knowing,
The dreamer's boat is thither blowing!

In that green land the world we knew
Is once more honest, earnest, true;
No Evils lift up hydra heads
To blight Right's blossoms in their beds;
But Aspiration points the way
To dawning of a better day.
Oh 'tis a million, million miles
To margins of those charmed isles;
But we, swift to that solace swinging,
Find Lethe from the sharp world's stinging.

DART FAIRTHORNE.

RAISING PLANTS FROM SEEDS.

I WONDER how many luckless amateurs will fail with their seeds again this year, and how many seedsmen will be unjustly blamed for such failures. Many persons think it so difficult to raise plants from seed that they will not make even one effort to do so; others have been so discouraged by first failures that they are reluctant to make a second attempt. The pity of it is that most of them who would like to raise flowers from the seed and fail, are unable to purchase plants, and so are compelled to do without the beautiful flower evangel altogether.

The trouble with many beginners is that they imagine seeds may be sown in any fashion, watered occasionally, and success be assured; when they fail to grow under such treatment the seller of them frequently gets the blame for it. Nothing is more certain than if seeds are not planted as they should be, they will probably fail to grow. The proper treatment for coarse, large seeds will smother the life out of fine ones. They are something like little chil-

dren, we must study their natures and treat them accordingly, and in this we may profit greatly from the experience of others, instead of waiting impatiently for results from our own haphazard knowledge.

The best soil for seeds is a light, rich, sandy loam; any garden soil will do if thoroughly pulverized, heated to destroy insects and noxious seeds, sufficient sand added to make it porous, and an abundance of well rotted manure worked into it. There are, however, some seeds that will do better in rather poor soil, abronia, verbenas, nasturtium, and a few others.

Fine seed should never be sown deep, and if very fine should be mixed with sand, sown thinly over the surface and pressed firmly down without covering at all. Do not let the soil dry out, keep it moist until the seeds germinate, then give a light sprinkling of water every night and morning. Do not pour the water on, use a plant sprinkler, an ordinary household syringe, or a hair brush; I prefer the latter as it covers a larger surface at once. Keep the seeds in a moderately warm place, and shielded from the light until they germinate, then bring gradually into the light and sunshine. If too strong a sun is given at first the tiny plants will droop and die. Whenever the weather permits open the windows and give the plants fresh air, or on mild days carry them outside. Shield them from heavy winds and rains until the stems begin to grow thicker, and take them in at night until all danger from frost is over.

Verbenas, antirrhinums and zinnias will decay if given too much water. Do not lose patience and begin to stir up the soil if the seeds do not come up just when you expect them; they are often a little slow about starting when the weather is cold. It is better to sow only a part of each packet the first time, then if they do not grow after a reasonable period put in the rest, first studying the directions carefully. Do not allow the plants to grow too large before removing them to their permanent quarters in the flower beds.

When transplanting— but that's another story, as Kipling says, and will do some other time.

MRS. S. H. SNIDER.

OHIO EXPERIMENT STATION GREENHOUSES.

I TOOK occasion recently to visit the greenhouse of the Horticultural Department of the Ohio State University. I went especially to see the lettuce, radishes and parsley which they are so successfully forcing. The great long beds of thrifty, crisp looking lettuce was quite an interesting sight; it fairly made one's mouth water for a dish of salad fresh from greenhouse. I had never seen the irrigation method in operation before, and now having seen it, it seems strange that it had not been introduced long ago.

The bright little radishes strongly reminded me of early summer, and after I had dined on both lettuce and radishes, I was loud in my praises of home grown summer vegetables in the winter time, and have no fears of losing my appetite for early spring vegetables because I can also gratify it during the blustering winter months.

It was also interesting to see the beds prepared for growing mushrooms. These had been made under the benches; all this otherwise waste space being utilized in this way. Curbans of coffee sack (gunny sack) was hung all

about the sides and ends, to both exclude the light and retain moisture, I suppose. It will certainly be interesting to see, in the course of a few weeks, great beds of mushrooms where there seemed a place but for mold and cobwebs.

Columbus, O. MRS. W. A. KELLERMAN.

A COLD WINTER.

The present winter has, so far, been one of the coldest on record in this country and in Europe. A notable feature of the cold weather is that it extends far to the South. An ice gorge in the Mississippi at Memphis in January is the second time only that this is known to have occurred since the settlement of the country. Florida has been visited with severe cold far south, and the Southern trucking interests have been badly damaged. Replanting and late shipping will allow but small profits to Southern vegetable growers. At the North we do not consider a cold winter to be any particular disadvantage if the spring is not too far delayed.



The Best Medicine.

J. O. WILSON, Contractor and Builder, Sulphur Springs, Texas, thus speaks of Ayer's Pills:

"Ayer's Pills are the best medicine I ever tried; and, in my judgment, no better general remedy could be devised. I have used them in my family and recommended them to my friends and employes for more than twenty years. To my certain knowledge, many cases of the following complaints have been completely and

Permanently Cured

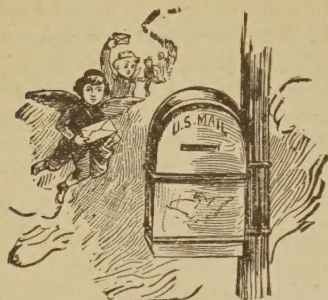
by the use of Ayer's Pills alone: Third day chills, dumb ague, bilious fever, sick headache, rheumatism, flux, dyspepsia, constipation, and hard colds. I know that a moderate use of Ayer's Pills, continued for a few days or weeks, as the nature of the complaint required, would be found an absolute cure for the disorders I have named above."

"I have been selling medicine for eight years, and I can safely say that Ayer's Pills give better satisfaction than any other Pill I ever sold."—J. J. Perry, Spottsylvania C. H., Va.

AYER'S PILLS

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

Every Dose Effective



OUR LETTER BOX.

In this department we will be pleased to answer any questions relating to Flowers, Vegetables and Plants, or to publish the experiences of our readers. JAMES VICK.

Tuberous Begonias.

I saw tuberous begonias in the parks at Albany about the middle of September. They were of varied and brilliant colors, the flowers very large and foliage fine, the admiration of every one. They were in quite an exposed situation. Mrs. F. B.

Wilmington, Del.

Ginseng.

Can you tell me how to propagate the seed of ginseng? G. F. T., JR.

Annin Creek, Pa.

The attempts to cultivate ginseng have never been successful. It thrives only in the conditions of its natural, wild state.

Olea fragrans.

Can you suggest a successful treatment for olea fragrans? I have had many of the plants, but have never had one to thrive. Mrs. M. C. P.

Salt Lake, Utah.

Will not some of our readers who have successfully raised this plant describe their mode of treatment?

Lilac, Snowball and Roses.

Will you please tell me if snowballs, lilac and rose bushes can be started by slips or pieces of the roots? J. A.

These plants are all propagated by cuttings, but amateurs will be apt to fail with them until they have gained experience—and experience that would probably be costly.

Wrong Practice with Calla.

For seven years Mrs. H. M. M. kept a calla and watered it in the growing season with boiling water, as she had been told was the right way. The plant budded but never opened a blossom. A year ago the practice was stopped and tepid water was used, and last winter it gave three blooms; this season it gave its first bloom early in December.

Arranging Pansies.

My favorite way for arranging pansies is in a conch shell. Mine does not leak, so I can put in considerable water, first finding the firmest position for standing the shell. Then fill the opening with damp, loose moss, in which to insert the pansy stems. A person will soon learn the prettiest manner of arrangement. Sometimes I just fill the shell with pansies. Sometimes I place rose geranium leaves or perhaps some fine grasses or the dainty gypsophila. The latter is a great favorite of mine for the "finishing touches" of bouquets, baskets, wreaths, etc. E. C. B.

Keeping Caladium esculentum.

Will you please tell me through your Magazine how to keep Caladium esculentum roots over winter, and also, how to separate young bulbs from old ones? Clearmont, Mo. E. E.

Cut off the leaves, leaving the base of the leaf-stems attached to the tuber and keep the tubers over winter in a place secure from frost; they are often kept successfully in greenhouses under the benches. The offsets should be left attached to the old bulbs until time to plant them out in spring when they can be detached and planted.

Lily of the Valley.

I received last season, early in January, one dozen of the pips of the Lily of the Valley. I planted them in two six-inch pots and put them out of doors; in about a week I brought them in and placed them over the kitchen range in saucers of water, turning pots of the same size over them. I kept them constantly wet, they soon began to grow, and in just three weeks from the day I received them I had two pots of as fine Lilies of the Valley as I ever saw, every pip had a bloom, and they lasted two weeks, perfuming the house. Mrs. F. B.

Wilmington, Del.

Carnation—Ten-weeks Stock.

I am well pleased with your Magazine and would not be without it, as it gives me a great deal of advice and help through its columns. Will G. F. M., who wrote in the October number, tell us if he brings the carnation plant, from which he takes the cuttings, into the house in the fall, then takes the cuttings from it in December. I hope he will excuse my ignorance on this point and answer soon. Can some of the readers give us some advice concerning ten-weeks stock, the double variety, how to raise seed, or can cuttings be rooted, if so, how can it be done? Buffalo, — M. P.

Manettia Vine.

In a former issue of the Magazine there were several inquiries about the manettia vine. Like others I, also, gave up all hope of seeing it bloom. Thinking that as it was so vigorous a grower that it might succeed by the method used by our large California vineyardists, I trimmed back the long runners and noted the effect. Six weeks after this treatment, which I supposed to be severe, I found the plant to be all that had been claimed for it. The brown leaves need to be thinned out as soon as they appear; and in regard to cultivation I can say that mine loves a rich clay loam, or as we have here, a red clay. A five gallon coal oil can with one side cut out serves as a pot in which the plant grows. The soil needs to be kept moist, but not too moist. I hope that those who have been disappointed with the manettia vine will give this method a trial. The leaves glisten as if varnished. My plant has had only five hours a day of sunlight, and for the last three months has been doing finely. Cuttings are easily grown. CALIFORNIA FLORIST.

Silver-leaved Geranium.

I would like to ask if the silver-leaved geranium ever blossoms. I have had one for more than two years and there has never been a bud on it. Several of my acquaintances have them and theirs have never bloomed. I treat mine the same as I do my other geraniums. Mrs. S. S.

The different varieties of the silver-variegated geraniums all bloom with the exception of Madame Salleri, and we presume this is the variety referred to by our correspondent. In the case of the Madame Salleri, the energies of the plant appear to be expended in the growth of the numerous offsets. The rapidity of multiplication in this manner serves the purpose of seed production in the economy of the plant. It would be interesting to know the history of this variety and to learn under what conditions the normal reproductive functions of the plant—blooming and seed producing—were abolished.

Snails.

I see so much that is interesting and useful in your Correspondence Department that I thought I would venture to ask a question. I have been exceedingly annoyed by snails in my garden. It has been with great painstaking that I have been able to save some of my flowers, some very small annuals that I have given less care have been entirely destroyed by them. Can you suggest any remedy? Miss M. E. N.

Slugs can be trapped by placing some slates or shingles about in the garden, and under them placing a little bran mash or some sliced potato or cabbage leaves. Having thus fixed the bait, go out at night with a lantern and a pail containing some salt or brine, and commence a hunt for the vermin, picking them up when found and throwing them into the pail where they will be killed by the salt. Persist in the search from night to night until the place is cleared.

Perennials.

I am glad to see the old fashioned perennials coming into favor again. They have always been favorites with me, as I saw and loved them when a child in the quaint old garden at my grandmother's. Perhaps the pleasant associations connected with them is what makes the flowers so highly prized. They seem to me in keeping with the farm houses of New England, and if not desirable for the lawn, because their blooming season is so short; a border of them in the vegetable garden is an ornament to that useful attachment. The soil, too, being mellow and rich suits their tastes exactly and stimulates them to do their best. Still another point in their favor is that they have shown themselves capable of much improvement. The perennials of today are not like those of a quarter of a century ago. Hollyhocks, for example, are very unlike their ancestors, thus proving that the present age is not degenerate in all respects. I will not say too much, for the Canterbury bells and digitalis or foxglove are capable of blowing their own lovely trumpets, and perhaps will in the coming summer make many new friends. F. P. T.

Palms—Bignonia.

Will you kindly tell me how to care for two young palms? Do they require plenty of heat and water? Will a sunny south window in winter suit them and should they have rich soil and considerable pot room while growing?

Noticing the remarks about poisonous plants in the July number of your good Magazine I wish to inquire if the bignonia (trumpet creeper) can be classed as such. I have a fine specimen growing in my yard and have been told by several persons from different Southern States that it grows wild there and is shunned as it is certainly poisonous. Is this true? I notice it is catalogued by all florists and mentioned as being very desirable by some. It is certainly all right as far as appearance is concerned. J. A. R.

Brooklyn, N. Y.

Most palms will do well as room plants with a moderate heat. The best way to water them is to give the soil in the pot a good soaking by setting the pot in a vessel of water until the whole soil is well moistened, two or three times a week will be sufficient.

The bignonia has no poisonous properties, and is a valuable ornamental climber.

Unlike Unsoluble Cocoas,
which are Indigestible,
and Cocoas adulterated with Starch.

Van Houten's Cocoa
—(BEST & GOES FARTHEST)—

leaves no Sediment on the
bottom of the cup.

Kohlrabi—Crocus and other Bulbs.

Mrs. H. L. H. inquires in the January number about cooking kohlrabi. If she will cook it just as she does turnips or cauliflower she will find it very fine. The kohlrabi has the same tender flavor of the cauliflower I think, and boiled and dressed with drawn butter is delicious.

I have come to the conclusion that crocus do not like to be forced into winter blooming. I have fine bulbs which are making good growth of leaves but no buds as yet. *Lachenalia* is lovely, so are *brodiaea* and *freesias*.

Mrs. M. A. B.

New Douglas, Ill.

Cinerarias From Seed.

A request was made in the Magazine that all who sowed seeds of cineraria should write of their success. Mine were sowed last May in carefully prepared soil, pulverized and sifted. When the plants were well started they were transplanted. One plant was put in a seven-inch pot, and kept in the open air during the summer. In September it was brought in and placed in a south window where it now stands, a mass of bloom. Thirty-two perfect flowers are on one stalk and more buds are opening. Another pot of the same size contains six plants; each has ten or twelve blooms. The flowers are large, two inches in diameter, and of various colors.

H. E. P.

Dublin, N. H.

Grandma and her Plants.

Will you allow a school girl a few lines? Mrs. Eliza V. wishes me to write a few lines for her. Her eightieth year is nearly complete and she has been for many years a constant friend to Vick. Several years ago she got from you the *Bataclan* geranium. From that she now has a plant three years old that has never been without a blossom since its first blooming. It is five feet three inches in height with twelve large branches, four of which are about four feet in length. It still bears great bunches of bright flowers, its faithfulness saving it from being left out. The *Madam Thibaut* is a great favorite. Late in the spring of '91 "grandma" got a *jasmine*; it began blooming in July and continued to November. This year it bloomed from June to October. Will you please tell what will make it bloom in the winter? She says she thanks you very much for the bulbs sent with the Magazine. She values the Magazine highly and the bulbs are so nice. We anticipate great pleasure from them. We all love to read the "Monthly" and to grandma it is a source of great pleasure.

M. D. H.

Pithian, Ill.

Cutting Chinese Lily Bulbs.

In reply to the inquiry made by Mrs. C. F. in the December number, page 27, I will say that I think I have had enough experience this fall with these bulbs to be sure that it is a benefit to cut them. I flowered both cut and uncut bulbs and the cut ones gave me five stalks of bloom where the uncut gave two. Mrs. C. F. should take the bulbs and a sharp pen knife and cut four or five times from the top to the bottom half an inch deep, and then when the leaves start up cut through the collar, at the base of the leaves, and see how quickly they will outgrow the uncut ones. I have both single and double varieties and I consider the double superior.

I have had considerable trouble with my bulbs out of doors. It has been so warm that they will persist in coming above ground. Some five polyanthus narcissus which bloomed in the ground last spring I had to take up and pot a month ago, and I see *Scilla campanulata*, *Triteleia violaceae*, snowflake, grape hyacinths, and now here come my *Anemone fulgens* which I had left in the ground as an experiment. They ground froze the next day after I discovered that they were growing and has remained so; as soon as it thaws I shall take up part and leave the rest and cover them up and see if they will be alive next spring.

Mrs. M. A. B.

New Douglas, Ill.

Hollyhock from Seed.

In raising hollyhock I tried several times but failed utterly, but did not lose my courage, and tried and tried, again and again, and at last succeeded. Several years ago I saw these stately plants at a friend's place, and I thought it would be interesting to raise them from the seed. I bought a package of seed the following spring and planted them in shallow boxes, sowing them in rows three inches apart and a quarter of an inch deep. When the plants had made a little start I set them in the border about a foot and a half apart; they grew vigorously but threw up no flower stems that season, so I thought they would

give me plentiful bloom next year. In the fall I covered them up with manure to protect them against frost, but the next spring I discovered my mistake, for not one plant was sound. The covering of manure instead of protecting them destroyed them, or rather choked them. Then I bought another package of seeds and planted them as before. The plants came up and grew vigorously, and in the fall, instead of covering them up with manure, I just left them as they stood, without any covering; still, my work was not crowned with success. Those plants which had been standing in a dry soil endured the winter very well, but those where it was wet began to rot. I decided then that hollyhocks should be planted in a dry or sandy soil, and have little or no protection in winter. Now I have no further trouble in raising them. I also have tried to raise them in the fall, and have been quite successful. I planted the seed in boxes in the month of September; as the young plants came up I transplanted them to the border, setting them in rows about one foot apart each way, and in the spring transplanted them wherever I would like to have them to bloom. I think it is better to raise young plants each year than to increase them by dividing the roots of old stocks, as the seeds grow very readily.

G. F. M.

Hoboken, N. J.

Amaryllis and Vallota.

My *Amaryllis Johnsonii* I allow to perfect its growth after blooming, and then set it in the cellar and let it rest until February. At that time it is brought up, the bulbs turned out of pot, and some of the soil removed, but don't disturb the bulbs, and then the pots are filled up with nice soil, water given, and set away in a dark place for awhile, for the roots to start. Then the pots are brought to the light, and eventually the blooms are splendid. About five years ago I sent to your house for *amaryllis vallota purpurea*; it grew nicely through the summer, but did not bloom. I treated it as I did *Johnsonii*, but, alas, when I brought it up it was dead. Must the bulbs be dried off?

L. A. C.

Des Moines, Iowa.

The treatment of *amaryllis* described is good and the results are good. As to the *vallota*, it is an autumn blooming bulb, and one which retains its foliage the year round, or in other words an evergreen. It should, therefore, be kept slightly moist during the winter season, and in a low temperature. A frost proof cellar with a light window will serve it as a wintering place, but it can be kept in the coolest part of the greenhouse or in a cool window. The bulb should not be repotted frequently, and the little bulbs which are made about the sides can be taken off without disturbing the old bulb. In potting the bulbs, bury them only about two-thirds in the soil. The best season for potting the bulbs is in the fall after blooming. If potted in the spring they do not usually bloom until the following year.

Cultivating Celery.

I have been frequently benefited by hints and suggestions in your columns, and I wish to give the results of my experience in cultivating celery in the hope that it may benefit somebody and perhaps draw out further suggestions from your contributors. In the light of what little experience I have had, and what I have read on the subject, I shall sow seed in hotbed and try to have plants ready by middle of August. I will dig trenches a foot deep or more, four feet apart, and say fourteen inches wide. Fill up with soil and fine stable manure to within four or six inches of the top, a liberal quantity of manure; then set in two rows of plants, about sixty plants to the rod. In hoeing fill up the trench gradually. I will not bank up much till the weather begins to be cool, and will not try to bank with earth entirely, using what I can get conveniently between the rows and finishing up with boards. Should this escape the waste basket I may tell you of my onion crop. By the way, I think as we have so convenient a medium as Vick's Magazine that we might by more frequent interchange of ideas and experience be of great mutual benefit to each other.

J. L. C.

Cultivating Pansies.

Will you kindly inform me how to cultivate pansies successfully?

D. P. J., Jr.

The raising of pansies is not difficult, but requires some care. The seeds can be sown from

January to May, and from last of July to first of September. Early sown seeds will make plants for spring blooming, while those sown later in spring will produce flowers in the autumn. Plants raised in the fall will bloom the following spring. Sow the seeds thinly in pot or flat box in light soil. In winter this can be done in the house and later in the season in hotbed, coldframe or the garden border. When the young plants have made their third leaf they should be pricked out and planted to stand about two inches apart, so as to allow plenty of room for them to develop without crowding. Do not allow the soil to become very dry, but keep the plants growing vigorously, with a full exposure to the light and a gentle heat. As soon as the weather is suitable in the spring set out the plants in moderately rich soil where they are expected to bloom. Stir the soil frequently about them as they grow, and in the fall they will be strong, stocky plants, giving some bloom, and in the following spring will bloom profusely. Fall raised plants will also bloom in the spring, but not as freely as those which are stronger.

PRIZE PUZZLE.—Last month we inserted in several leading papers this "prize puzzle,"

Take five and one and ten times ten,
Three parts of me to make,
The fourth you'll find in any book
If you are wide awake.
And when the four are found you'll see
An honored household word,
Which, in all flower-loving homes,
North, South, East, West, is heard.

Any person sending us the correct answer of the above puzzle will receive free a copy of the *POETS' NUMBER OF VICK'S FLORAL GUIDE*, 1893.

In reply to which many interesting and amusing replies were received, one of which follows:

SEYMOUR, IOWA, Jan. 9th, 1893.

V stands for five as all can see,
I stands for one we sure can be,
C is one hundred, ten times ten,
K in all books is found. What then?
Why, the first letters down each line,
They spell a word you will divine
To be the one, the honored word,
Which in flower-loving homes is heard.
So I'm O. K. and the word is VICK;

Please send the Floral Guide right quick.

Very respectfully yours, Mrs. N. C. M.

JAMES VICK'S SONS, Rochester, N. Y.

Scott's Emulsion
of cod-liver oil presents a perfect food—palatable, easy of assimilation, and an appetizer; these are everything to those who are losing flesh and strength. The combination of pure cod-liver oil, the greatest of all fat producing foods, with Hypophosphites, provides a remarkable agent for *Quick Flesh Building* in all ailments that are associated with loss of flesh.

Prepared by Scott & Bowne, Chemists,
New York. Sold by all druggists.

VICK'S MAGAZINE.

ROCHESTER, N. Y., FEBRUARY, 1893.

Entered in the Post Office at Rochester as "second-class" matter.

Vick's MONTHLY MAGAZINE is published at the following rates, either for old or new subscribers. These rates include postage:

One copy one year, in advance, Fifty Cents.

One copy twenty-seven months (2½ years), full payment in advance, One Dollar.

A Club of Five or more copies, sent at one time, at 40 cents each, without premiums. Neighbors can join in this plan.

FREE COPIES.—One free copy additional will be allowed to each club of ten (in addition to all other premiums and offers), if spoken of at the time the club is sent.

All contributions and subscriptions should be sent to Vick Publishing Co., at Rochester, N. Y.

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\$1.25 per agate line per month; \$1.18 for 3 months or 200 lines; \$1.12 for 6 months, or 400 lines; \$1.06 for 9 months, or 600 lines; \$1.00 for 1 year, or 1000 lines. One line extra charged for less than five.

All communications in regard to advertising to Vick Publishing Co., New York office, 38 Times Building, H. P. Hubbard, Manager.

Average monthly circulation **200,000.**

NITRATE OF SODA FOR STRAWBERRIES.

We notice in a Western journal that an experienced strawberry grower in Iowa alleges that he has trebled his yield of berries by the liberal and judicious use of nitrate of soda. Besides producing a much larger crop from its use, he finds that the berries are much larger and in every way finer and handsomer, thus commanding a far higher price.

EXPIRING SUBSCRIPTIONS.

A large number of subscriptions to Vick's Magazine will expire with this and next month's issue. Have you not been paid many times over for the light expenditure in the hints and helps which have filled our columns? We can hardly see how it can be otherwise as we have a consciousness of giving to our readers a great return for the small amount of money we ask, only 50 cents per year for the Magazine and 50 cents worth of seeds selected from Vick's *Floral Guide*. If it has pleased and benefited you in the past will you not renew *and at once* for 1893?

Vick's Magazine will continue on the up grade in improvement and be more interesting than ever. One special feature will be fair and impartial reports on all of the new seeds and plants brought out as "novelties" by any and all reliable seed houses. These will be carefully tested in our trial grounds and the results given for or against, as the case may be, with illustrations of the promises and the results in case they differ.

VICK'S FLORAL GUIDE.

The new *Floral Guide* for 1893 of James Vick's Sons contains much that is both new and interesting as well as offering a full line of standard seeds and plants.

It is to be regretted that the great prize competition which was anticipated and already announced to take place at the Columbian Exposition next fall, and at which they proposed to offer \$2,000 in premiums, cannot be held. It had been agreed upon that this exhibition of vegetables should be held, and space in Horticultural Hall had been assigned for it. By a later decision of the Committee on Awards no goods will be allowed to be entered for competition.

ORANGE JUDD.

This old and well known agricultural journalist died in Chicago December 27th, at the age of 70 years. Mr. Judd became known to the public principally in his connection with the *American Agriculturist*, as its editor, and afterwards its sole proprietor. In these relations he was an able writer and an enterprising publisher, and the result was that his paper became a visitor for many years at the hearthside of nearly every intelligent farmer and gardener in this country. Mr. Judd also became a publisher of agricultural books and founded a publishing house for this purpose, which is still continued under his name. Some years since he removed to Chicago and started the *Orange Judd Farmer*, which is a valuable weekly agricultural journal and has now a large circulation, especially through the West. Mr. Judd was an active promoter of educational interests, both by his personal efforts and by generous gifts. The agricultural community of this country is largely indebted to him for his promotion of its interests and his name should be held in honored memory.

NAMES WANTED.

Every reader of Vick's Magazine has many friends and acquaintances who do not take it. Will not our readers send us the names and post office addresses of such as might become subscribers, as during the next three months the publishers desire to send out 100,000 extra numbers as sample copies to induce people to subscribe. Send by postal card or letter and you will kindly accept our thanks in advance. Address Vick Publishing Company, Rochester, N. Y.

THE NEW MUSHROOM.

The new variety of mushroom mentioned in our January number has been submitted to the examination of Mr. Chas. H. Peck, of Albany, botanist of the New York State Museum. He has decided it to be a new species to which he has given the name *Agaricus subrufescens*. In his own language he says: "It seems to me to be an undescribed species, though some might prefer to consider it a variety of the common mushroom, *A. campestris*. But the difference in its structure, color and behavior lead me to consider it a good species, though one not very far removed from *A. campestris* var. *rufescens*. I have drawn up a description of it under the name *Agaricus subrufescens*, n. sp."

TOURNAMENT OF ROSES.

At Pasadena, California, they hold an annual Tournament of Roses in January. It was held the first week in the new year this season. Some of the features of the parade were a party of cavaliers; a tennis club in uniform, the lady members riding in a finely decorated coach, preceded by outriders; the guests of the Carlton hotel in a coach, drawn by a six-in-hand team, decorated with calla lilies, red roses and evergreens; young equestriennes in bifurcated skirts; phetons beautifully adorned with flowers; lady guests, from the Raymond House, in a buckboard drawn by white horses; sixteen frocked butchers riding burros; tastefully and elaborately flower-decked carriages; young ladies riding ponies gaily caparisoned; and many other novel and beautiful things. Such a turnout in January tells the story of the climate of that region.

As we have already received some inquiries for the spawn of this new mushroom, we will say that we have not heard of its being put on the market, though, possibly, it soon may be. It has been distributed somewhat freely from hand to hand among neighboring cultivators, and some of them will undoubtedly find it worthy of being put up in portable form. Those who are trying it, however, will want to be satisfied that it is of superior value before engaging in the circulation of it, and as these trials are yet in progress it will require some months to complete them. It must be understood that commercially the matter is yet scarcely in an initial state, and it can hardly be possible to offer the spawn in the open market before the coming summer or fall.

Success with Flowers.

The Dingee & Conard Company at West Grove, Pa., publishes a complete illustrated "Guide To Rose Culture" containing much other information interesting and valuable to the lover of flowers. They offer to send it Free, and enclose a specimen copy of their floral magazine, "Success With Flowers," to all who make application.

SOMETHING FOR NOTHING.

At this season of the year many parties are advertising and making unusual offers to the public. Some of these offers are almost ridiculous on their face, but they are sent out in apparent good faith and by parties who seem to have sufficient standing to make them reliable. But whatever the motive may be in issuing such offers, one thing is certain, that some of them are never fulfilled. Last spring many of our subscribers complained of not receiving what had been advertised by different parties. It will be well for all to remember that it is impossible to get something for nothing. Advertising is expensive and it has to be paid for, and the cost of it must come from the purchaser. If an advertiser appears to offer more than you judge to be wise, it will be best to be cautious in sending money, unless the parties are well known firms of good standing. A little inquiry in advance may be an advantage to one who is contemplating a purchase, and it certainly will be a benefit to a reliable advertiser.

ANTI-CHOLERA VEGETABLES.—Garlic, says the *Western Druggist*, has been brought out in Budapest as a remedy for cholera, the authorities at that place having been informed by a Cologne correspondent that this bulb contains a sulphur compound destructive to micro-organisms, and, further, that garlic has proven very successful in combating the epidemic at Hamburg. According to the *Pharmaceutische Post*, Dr. Pertik, of the Pharmacological Institute at Budapest, reports that the fresh juice in garlic, onions and horseradish quickly destroys the cholera bacillus.

Catarrh Cannot be Cured

with LOCAL APPLICATIONS, as they cannot reach the seat of the disease. Catarrh is a blood or constitutional disease, and in order to cure it you must take internal remedies. Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces. Hall's Catarrh Cure is not a quack medicine. It was prescribed by one of the best physicians in this country for years, and is a regular prescription. It is composed of the best tonics known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wonderful results in curing Catarrh. Send for testimonials, free.

F. J. CHENEY & CO., Props., Toledo, O.
Sold by druggists, price 75c.

The approbation with which this Corn was received last year by our patrons was very satisfying, because it was really deserving.

When cooked it is a beautiful creamy color, making it very attractive for the dining table.



Its high flavor and earliness place it as one of *the best* for family garden. Ears medium size, 12 rowed and well filled.

In time of gathering for eating purposes, it will class with Crosby's Early. *Every one should try it!*
Price, 15 cts. packet; pint, 35 cts.; quart, 60 cents.

Vick's "Charmer" Pea.

IT SWEEPS ALL BEFORE IT.

BECAUSE

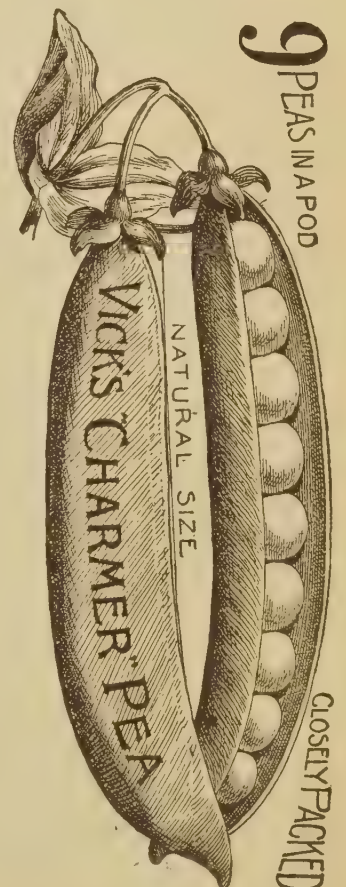
Very Productive; Highest Quality; Fine Flavor; Staying Qualities; Great Merit; Deep Green Color; Large Peas; Closely Packed; Nine in a Pod.

THIS new variety of Table Pea, introduced by us last season, jumped at a bound into instantaneous favor all over the United States.

The plants stand from three and a half feet to four feet high, and bear large, long pods, mostly in pairs. The weight of the Pea compared to pod being much greater than usual, thereby producing more shelled Peas to the bushel than any other variety.

The pods are scimitar shaped and very handsome in appearance. In season it follows Little Gem and comes before Champion of England. Both for the market and family garden this Pea will be found of the **HIGHEST MERIT.**

Price, per packet, 15 cents; per pint, 75 cents; per quart, \$1.25.



JAMES VICK'S SONS, Rochester, N. Y.

TREADING THE GRAPES IN TRANSYLVANIA.
—Across the fields, from every direction, crept the ox-teams, followed by groups of peasants. Already in the wine-gardens the work had begun; the unyoked oxen lay in the pleasant shade; carts, with the wine-casks set in them, were drawn up here and there in a little open space; the white figures went to and fro among the vines; there was a buzz of voices from every side, and now and then snatches of song. Up and down the broad alleyways through the vineyards we strayed, the sun burning us with fiercer heat as it rose higher and higher, the warmth and the scents of summer everywhere on the busy hillside. At each vineyard we were laden with a fresh burden of grapes, and we ate them as we went, flinging bunch after bunch to the begging gypsy children who romped at our heels. Long before noon a man with loose white trousers rolled high above his knees was jumping in every wine-cask, the juice in rich reddish streams falling into the buckets set below. At noon the smoke from many camp kettles rose above the vines, and mingling with the sweet scents of summer was the smell of the midday *gulyas*.

As we passed the large vineyards we saw in each little white house of the guardian a banquet spread, and around the table one of the gypsy bands from the hotel of the town stood playing. But at the smaller vineyards the cloth was laid on the grass, or on a table under a rude shed, and here Romanies in peasant dress from the near villages were fiddling away under the trees, while men, pressing the grapes in the casks, danced wildly to the music, throwing their brown, grape-stained arms above their heads, every now and then a mad couple twirling round and round on the smooth grass; smiling Wallachs were begging us to taste the new wine; even the children in the nun's garden were pirouetting and singing, while the black-robed sisters and the priest in cassock chalked up on the cask the number of buckets emptied up to it.

In Tuscany, when we went to the vintage, the peasants pressed the wines inside dark, gloomy cellars; in Provence, the land of "sun-burnt mirth," the grapes were crushed by steam in brand-new buildings with all the latest modern improvements. It was only in Transylvania that we found the peasants dancing in the old glad, free fashion of classic days, out in the sunshine, to the sound of music.—From "To Gypsyland," in the *January Century*.

5000 BOOK AGENTS WANTED FOR DARKNESS & DAYLIGHT

or LIGHTS AND SHADOWS OF NEW YORK LIFE. A WOMAN'S thrilling story of Gospel, Temperance, and Rescue work "In His Name" in the great under-world of New York. By Mrs. HELEN CAMPBELL. Introduction By Rev. Lyman Abbott, D.D.

A wonderful book of Christian love and faith. 250 illustrations from flash light Photographs of real life. 45th thousand. The fastest selling book ever published. Agents Wanted, both Men and Women. We Give Credit, Extra Terms, and Pay Freight. Outfit free. Write for circulars to A. D. WORTHINGTON & CO., Hartford, Conn.

Also 5,000 Lady Agents Wanted on Special Terms for WORTHINGTON'S MAGAZINE a New, Choice, splendidly Illustrated Monthly for the Family. Brimfull of good things for all, a \$4 magazine for \$2.50. The Brightest, Purest, Best and Cheapest out. Mary A. Livermore, Helen Campbell, Rev. Dr. Francis E. Clark, and scores of others write for it. The best chance ever offered to Lady Agents. Write for particulars now. Address as above.

Colman's Secures Soft, Smooth Skin
Calla No Chapped Hands, Face or Lips
No Freckles. Sunburn or Tan.
Cream So Satisfactory after Shaving.
Sample Bottle, only four cents.
F. COLMAN & SONS, Kalamazoo, Mich.

45 PIECES SHEET MUSIC FREE.
Including the popular song **Ta-Ra-Ra Boom-De-Ay**, sung the world over, this great collection contains the latest and most popular songs, as well as **Instrumental Music**, regular sheet music size, with all the parts complete. These 45 splendid pieces of music will be sent **FREE** to every person sending us ten cents for a three months subscription to our Modern Story Paper, **MODERN STORIES**, 835 Broadway, New York.

Justice to All.

It is now apparent to the Directors of the World's Columbian Exposition that millions of people will be denied the pleasure of becoming the possessors of

World's Fair Souvenir Coins

The Official Souvenir of the Great Exposition—

The extraordinary and growing demand for these Coins, and the desire on the part of the Directors that equal opportunities may be afforded for their purchase, have made it necessary to enlarge the channels of distribution. To relieve themselves of some responsibility, the Directors have invited

THE MERCHANTS

Throughout the Nation to unite with the Banks in placing Columbian Half-Dollars on sale. This is done that the masses of the people, and those living at remote points, may be afforded the best possible opportunity to obtain the Coins.

THE FORTUNATE POSSESSORS

of SOUVENIR COINS will be those who are earliest in seizing upon these new advantages.

\$10,000 Was Paid For The First Coin

They are all alike, the issue is limited, and time *must* enhance their value. The price is One Dollar each.

HOW TO GET THE COINS:

Go to your nearest merchant or banker, as they are likely to have them. If you cannot procure them in this way, send direct to us, ordering *at less than Five Coins*, and remitting One Dollar for each Coin ordered.

Send instructions how to ship the Coins and they will be sent free of expense. Remit by registered letter, or send express or post-office money order, or bank draft to

Treasurer World's Columbian Exposition, Chicago, Ill.



FRUIT TREES AND PLANTS

UPON our 250 acres of Nursery we have every class of Trees and Plants that is hardy in a northern climate; Fruit, Ornamental, Nut and Flowering. In our catalogues which are the most complete and elaborate published by any Nursery establishment in the world, all are accurately described and offered at one-half the price of tree agents.

Lovett's Guide to Fruit Culture tells all about fruits, their merits and defects, how to plant, prune, cultivate, describes the best novelties, etc. Richly illustrated, several colored plates. Price, 10 cts.

Lovett's Manual of Ornamental Trees and Plants is authoritative as well as instructive. A model of excellence in printing and illustration. Price, with colored plates 15c. We successfully ship to all parts of the earth.

J. T. LOVETT CO., Little Silver, New Jersey.

PRICES
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WANTED Thoroughly competent Market Gardener. Also experienced man to operate canning and pickle factory. Prefer parties to take financial interest. Location Saginaw Valley. "The Garden Spot of Michigan." Rare chance for first-class men with small capital to develop permanent profitable business. **SAGINAW REALTY CO., Ltd.** 309 Eddy Building, SAGINAW, MICH.

When writing to advertisers, mention Vick's Magazine.

Sweet Scented Pansy.

The perfected Pansy. Very large, of richest velvety colors and delicious fragrance. Half-packet of fifty seeds 10 cents. All seeds in **HALF-PACKETS** at **HALF-PRICE**. Catalogue free. **FERRIS BROS., KINGSTON, N. Y.**

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A Great Offer

To Dyspeptic, Debilitated Men,
To Worn-Out, Nervous Women,
To Peevish and Sickly Children,
TO ALL CORPULENT PEOPLE,
whether Male or Female, Old
or Young.



A Free Package

of the **BEST MEDICINE** in the known
World will be sent prepaid to Every
Reader of This Paper who is **SICK or**
AILING. A Positive, Speedy and Per-
manent Cure for Constipation and All
Diseases arising from Impure Blood,
such as **DYSPEPSIA, LIVER COMPLAINT, BIL-**
IOUSNESS, RHEUMATISM, CORPULENCY, GOUT,
NERVOUS DEBILITY and CONSUMPTION.

INDIGESTION

THAT CURSE OF THE AMERICAN PEOPLE

from which **CONSTIPATION** and all other Physical
Miseries arise, is surely and speedily overcome
by the use of a Wonderful but Harmless Remedy.

Read Carefully and Act Promptly!!

CONSTIPATION DEFINED.

SOUND IDEAS AND FACTS.

EVERYBODY knows that food is required for the growth and preservation of our
bodies. Every day nature requires a supply of nourishment to support life;
and by the Digestive organs, the nutriment is extracted from the food we eat.
After the nutritive properties have been absorbed from the food it becomes foul,
offensive matter, requiring prompt excretion from the body. When the
bowels fail to promptly and properly carry off this disagreeable
and poisonous mass, it is called **CONSTIPATION.**

The celebrated Dr. WURTBURG, of Berlin, defines Constipation as follows:
"Constipation.—Sluggish or incomplete action in evacuating the bowels; the inability of
the lower intestines to expel the alvine discharges: the putrid matter often remaining in the
bowels several days."—Wurtburg.

When this effete and poisonous matter remains in the system
it poisons and contaminates every organ with which it comes in
contact.

IT COMES IN CONTACT WITH

The Stomach, Liver, Heart, and all Vital Organs.

HOW DOES IT DO THIS? The blood becomes poisoned, and
in its circulation through our entire system, it carries the poison
from this foul, effete matter to every organ and tissue in the body.

It is from this cause that we have "Blood Disorders," which cause
Rheumatism, Neuralgia, Sick Headache, pains in all parts of the body, Running
Sores, Pimples, Boils, Carbuncles and all Skin Diseases. The blood, becoming thick
and overladen with the poisonous impurities, is unable to supply the tissues with
proper nourishment, and consequently they become deranged and unhealthy; or the
blood becomes so clogged up that the impurities burst through the skin in the shape
of boils, pimples and skin diseases.

Liver Complaint, Dyspepsia, Indigestion, Sour Stomach, Loss of Appetite, Bad
Taste in the Mouth, Coated Tongue, Kidney and Bladder Diseases are all brought
about by the Digestive Apparatus being deranged by coming directly in contact
with the effete foul matter in the bowels. Even the lungs are affected by Constipa-
tion, causing Lung Trouble and Consumption.

Premature Old Age, Lack of Youthful Energy, Beauty and Vigor, Sallow Com-
plexion and Haggard, Careworn Look, are all due to this one baneful curse,
Constipation.

Quoting the words of Dr. HEINEMANN, we have the views of one of the greatest
authorities of the age on this question:

"It is Constipation (retention of feces), though often unsuspected, that steals from our
maiden their freshness and beauty, taking away the lustre from their eyes and the glow from
their cheeks, causing the weakness peculiar to the female sex and giving them the haggard,
worn out look and diminished form when they should be in the best of health. It is Constipa-
tion, that is the plunderer which robs the manly strength and vigor from men, giving them the
fretful ugly disposition and their listless ways and habits."

An extract from QUAIN'S DICTIONARY OF MEDICINE is as follows:

"Constipation is a prominent symptom in diseases of the stomach, of the liver, of the
heart, inducing congestion of the portal system and of the nervous system, as well as in connection
with diabetes, excessive perspiration, prolonged lactation and discharges."

The causes of Constipation are such as evidently induce one or both of the following con-
ditions: 1.—Dryness and hardness of the contents of the large intestine from deficient secretion,
or too active absorption of fluid from the intestinal tract. 2.—Impaired contraction of the mus-
cular fibres of the large intestine."

How can we rid ourselves of the bothersome Dyspepsia, Indigestion and Sour
Stomach; cure ourselves of Malaria, Liver Complaint, etc.; drive away the Rheu-
matic and Neuralgic Pains and Sick Headache; relieve ourselves of Pimples and all
Skin Eruptions and the Disagreeable Taste in the Mouth and Objectionable Breath?
How can we remove the Haggard Look, and bring back the beautifully tinted com-
plexion, and build up the wasting form; and how can we cleanse the blood of all its
impurities? **Only by first removing the cause and continuing the use
of the remedy which will accomplish this.**

EGYPTIAN REGULATOR TEA

Is an absolute and permanent cure for Constipation and all Diseases arising
therefrom. It is not a purgative. It simply acts in a manner which assists nature
and aids to regulate the Liver and Bowels.

It is purely vegetable and contains no opiates or narcotics; but is merely a
mild, yet thorough agent in compelling the organs to perform their proper
functions. It acts upon the entire Digestive organs and Nutritive system, stimu-
lating the whole to complete and healthy action.

"The Importance of Having the Digestive Organs and Nutritive System in a perfectly
healthy and easily working condition, as well as the organs of Circulation and Secretion, can-
not be over-estimated."—Foulter.

To sum it up as concisely as possible, the properties of the simple combination of
roots, grasses and leaves which enter into the composition of this Tea are three-fold:
1st—To evacuate the feces and gases, which, distending the large intestine, thwart
peristaltic action. 2d—To tone the walls of the bowels and thus prevent re-accumu-
lation of feces and the products of their decomposition; to increase the flow of intestinal
mucus, and thus guard against further constipation. 3d—To thoroughly cleanse
every organ and tissue in the body and put them in a purely healthy condition.

Can all this be accomplished by one dose? No! This remedy does
not perform miracles. Can it be accomplished by a week's use? No, it
cannot. Can it be accomplished by one package of the Tea? Yes, it
can. One package contains enough Tea for eight weeks' use, which is ample time
for putting the system in condition to insure against further attacks of Constipa-
tion, and to eradicate all impurities.

CORPULENCY.

Although it is not generally so considered, obesity is a serious affliction. Not
only does it cause the sufferers to become more or less of a spectacle on the street
or in society, but what is far more serious, it is an affection which predisposes
the sufferer to Heart Troubles, Paralysis, Rheumatism, Gout, etc.,
and all Inflammatory Diseases. The reason for this is the fatty particles
are not healthy. The flesh which should be solid muscle and tissue is flabby, and
contains an immense amount of water. There is a lack of red blood corpuscles.
In fact obesity is a disease; and by curing yourself of this disease (Corpu-
lency) you are much less liable, in case of an epidemic, than before: and are also
insured against all inflammatory diseases.

"Speaking with scientific precision, fat ought always to be called adipose tissue. We are
not to forget that when it chiefly collects in the cavity of the abdomen it frequently induces
headaches and indigestion, together with a sluggish condition of the mind—with apoplexy as a
final result. When it interpenetrates the bundles of muscular tissue composing the heart, you
have fatty degeneration of the heart. When in the same way it invades the epithelial tissue of
the liver, you have fatty degeneration of the liver. Attacking the brain, it sets up a diffused
sub-acute inflammation, sclerosis and degeneration of the cells. In fine, fat or adipose tissue is
essentially degenerative tissue."—Treast—The Philosophy of It.

Corpuclency always ends in fatty degeneration. Danger attends a condition of
scant breath and being too easily tired. If a few hurried steps affect the breathing
of a stout person, if laborpower decreases, and mind and body become steadily less
alert for business or pleasure, then Obesity is unsafe. Not only is it unsafe
but highly dangerous, to say nothing of the annoying discomforts which all fat
people must experience. For this disease alone EGYPTIAN REGULATOR
TEA is priceless, because by its use you can reduce your weight to a normal
standard without resorting to starvation diet.

Until comparatively few years ago the Formula from which EGYPTIAN
REGULATOR TEA is prepared was a secret carefully guarded by the Supreme
Powers of Egypt, although authentic records show that this valuable remedy had
been in use by the Royal Families of Egypt for more than two hundred years. All
the reader cares to know is that the formula was obtained by the late Prof. HUTT,
a member of the French Academy of Sciences, Paris, France, and by him
transferred to his son-in-law, a distinguished English Physician, now a resident of
New York, from whom it was obtained at great cost by the undersigned, who is pre-
pared to meet any demand and guarantee results which cannot be obtained by the use
of other medicines. It is indeed a wonderful remedy as thousands can testify.

This great medicine is simple, harmless, and beyond all question the Best
and Safest Remedial Agent in existence. It is literally worth its weight in
Gold to all sufferers from the diseases above named. One package, enough for
eight weeks' use, is generally sufficient to cure even very bad cases, making it the
most economical medicine in the world.

REMEMBER that EGYPTIAN REGU-
LATOR TEA will positively
and permanently cure you of Constipation, Liver
Complaint, Dyspepsia, Biliousness, Sick
Headache, Nervous Debility, Female Weak-
ness, Consumption, and also that most distressing,
uncomfortable and dangerous disease, **Corpuclency.**
A trial will cost you nothing, while it costs us a large
sum of money to insert this advertisement; if the remedy
is not all we claim the loss is ours and not yours.

The Price of Egyptian Regulator Tea is \$1.00
per Package or \$1.12 when sent by mail, or Six
Packages for \$5.00.

This Wonderful Remedy is now being sold at retail in
large quantities by agents, both male and female, with
great success. We have several Lady Agents who are
averaging from two to five dollars per day, profits on
sales to their lady acquaintances. Any reader of this ad-
vertisement who needs employment will do well to write
us specially on the subject at once. No capital is required.

As above stated, we will give each reader of this paper
a trial package of this Great Remedy, absolutely free
of cost, if they will send us their Name and Post
Office Address. (This liberal offer enables you to test the
remedy without expense, and be your own judge of its
merits. We know beyond question that it will do you
more good than any medicine you ever used.) Ad-
dress, giving name and address.

EGYPTIAN DRUG CO.. 31 PARK ROW. NEW YORK CITY.

The Publishers of this paper are personally acquainted with the above named Company, and believe their
remedy to be all they claim for it. Our readers will do well to send for a Trial Package and decide for
themselves.

HALL'S It is the BEST, Vegetable Physicians Say Sicilian HAIR RENEWER

Thickens the growth and restores the youthful color to Gray Hair. Prevents Baldness, cures Dandruff, Humors, and all Scalp Diseases. A fine hair dressing.

Buckingham's Dye for the Whiskers

The most complete Brown or Black Dye ever discovered. The gentlemen's favorite.

R. P. HALL & Co., Proprietors, Nashua, N.H.
Sold by all Druggists.

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HATCH CHICKENS BY STEAM
With the Improved Excelsior Incubator.
Simple, Perfect, Self-Regulating. Thousands in successful operation. Guaranteed to hatch a larger percentage of fertile eggs at less cost than any other Hatcher. Lowest priced first-class Hatcher made.
Circulars free. Send 6c. for this Catalogue.
GEO. H. STAHL, Quincy, Ill.

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50 cts.
A Minute.
If you will hand to three friends or neighbors the new booklets which we will mail you FREE, we will send you in advance a 50 cent cash certificate with FACTS which will help you, your wife, son, or daughter, to easily obtain part of the **TWO HUNDRED AND FIFTY THOUSAND DOLLARS** we are giving away this year in premiums. Write us at once for free sample and facts about our Wonderful Discovery, and for our references.
GIANT OXIE CO., 103 Willow St. Augusta, Me.
When writing to advertisers, mention Vick's Magazine.

PATTI,

The Greatest Singer in the World, thus indorses the "Greatest Remedy in the World for Coughs, Colds, and Throat Troubles."

DR. WARREN'S WILD CHERRY AND SARSAPARILLA TROCHES:

Boston, 19 March, 1892.

To the American Medicine Co.,

I have much pleasure in saying that I used the box of Dr. Warren's Wild Cherry and Sarsaparilla Troches you sent me, and derived most satisfactory results from them.
ADELINA PATTI NICOLINI.

Over 600 New England Clergymen recommend them. Neil Burgess, Richard Mansfield, Wm. H. Crane, Tony Pastor, Ros Coghlin, Tom Karl, Cora Tanner, Roland Reed, Robert B. Mantell, E. L. Davenport, and Annie Ward Tiffany also endorse Dr. Warren's Wild Cherry and Sarsaparilla Troches.

For sale by all Druggists. Box sent by mail on receipt of 25 cents by the American Medicine Company, Manchester, N. H.

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CUT THIS OUT and return it to us with 10c silver or stamps, and we will insert your name in our Agents' Directory. You will get thousands of Papers, Cards, Magazines, Novelties, etc., from publishers and manufacturers who want agents. **DON'T MISS THIS. Address WESTERN MAIL CO. St. Louis, Mo.**

When writing to advertisers, mention Vick's Magazine.

10 CACTUS FOR \$1.00
Book on Cacti, 116 pages, 10c. **CACTUS**
Catalogue free. **A. BLANC & CO., Philadelphia.**



Milk Cans,

pan, churns, bottles, everything which is used for milk, even down to the baby's bottle—these are things for which you need Pearline. With Pearline, they're cleansed more easily, more quickly, more economically, and more thoroughly, than with anything else known. The people who know most about milk say just that. We can't afford to print all the testimonials we hold. They're free expressions of opinion—in conventions, in papers, everywhere where milk folks have a voice. Their enthusiasm about Pearline is genuine. And it's natural. For all kinds of washing and cleaning, nothing equals Pearline.

Beware

Peddlers and some unscrupulous grocers will tell you, "this is as good as" or "the same as Pearline." IT'S FALSE—Pearline is never peddled, if your grocer sends you an imitation, be honest—send it back.

381

JAMES PYLE, New York.

The Household Three Months Free

If you will send us the names and post-office—street and number—addresses of ten of your married lady friends.

"The Household" is the pioneer domestic journal of America; 32 pages, beautifully illustrated. Send for one copy each for five of your friends, including one for your-self, if you can't send ten names. Address

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Buy Your WALL PAPER BY MAIL AT FACTORY PRICES.

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Pretty patterns at 2½c. a roll, or 5c. a double roll.
Handsome Gilt Papers, 5c. a roll.
Beautiful Embossed Gold Papers, 6c. a roll.
Borders, 3, 4, 6, or 9 inches wide, 1c. a yard
Elegant Gilt Borders, 4, 6, and 9 inches wide, 2c. a yard.

We guarantee to please you or refund postage.

F. H. CADY,
No. 305 High Street,
Providence, R. I.



WHEN WAS MY BABY BORN?

If you will send us the name and address of any baby born since 1885, and a postage stamp, we will mail that child a copy of "OUR LITTLE ONES AND THE NURSERY," the most beautiful magazine in the world for young people.

Russell Publishing Co., 196 Summer St., Boston, Mass.



Cancer is Curable

Without caustics, the knife, or arsenic; without mutilation of healthy tissue, an important matter in cancers of the face.

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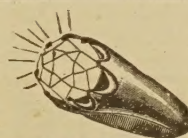
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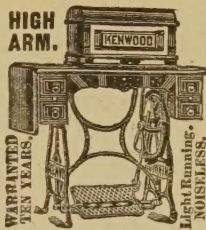
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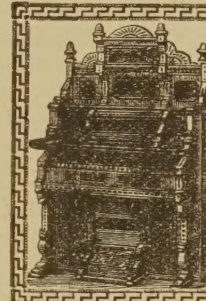
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OUR BRONZE BLUE CATALOGUE (A superb work of art in bronze blue) of **FLOWER and RARE FRUITS**, is the most beautiful and complete ever issued. 156 pages, hundreds of Elegant Engravings, Stipple Lithograph Covers and 7 beautiful large Colored Plates. We offer the finest standard varieties and novelties in Flower and Vegetable Seeds, Bulbs and Plants of all kinds and rare new Fruits. Also a great collection of Cacti, Flowering Shrubs, Cannas, Aquatic Plants, Chrysanthemums, New Carnations, etc. Also a large list of the finest roses at 10 cents each. Don't miss our Great Japanese Vineberry, Trailing Queen Fuchsia, Yellow and Little Gem Callas, and lastly **GLADIOLUS CHILDSI**, the greatest floral novelty of this generation. Flowers 7 inches across, spikes of bloom over two feet in length, colors the most beautiful and novel, surpassing orchids. This **MAGNIFICENT CATALOGUE** will be sent free to all who order anything here offered. Otherwise send 20c. for it. It is too costly to be sent free except to those who order something. We want agents to take subscribers for our beautiful Horticultural Paper, **THE MAYFLOWER**, 60c. per year. 32 pages and two elegant colored plates each month. Great Premiums. Sample copy free. Address

JOHN LEWIS CHILDS, Floral Park, Queens Co., N. Y.

N. B.—Each person who orders anything from this advertisement is entitled to our great painting of **GLADIOLUS CHILDSI** free, if they send 10 cents to pay postage. Size, 16x33 inches in 18 colors, showing several spikes of bloom. It is well worth a dollar as it is the finest thing ever produced in floral art.



AMERICAN BANNER Great Novelty For 1893.

The **AMERICAN BANNER LARKSPUR** is the only flower in existence which combines the National colors—Red, White and Blue—distinctly striped and spotted on each separate flower. Plants bear a great profusion of these beautiful flowers, beginning to bloom in two months from seed, and are continuously loaded with bloom until winter. Elegant as bedding plants, superb for floral work and of exquisite beauty for buttonhole bouquets. Should be adopted as the National Flower. Every flower lover should try it this Columbian year. 15c. per packet.



INTERNATIONAL MIXED PANSIES.
In almost every country in the world there are Pansy specialists, notably those of Scotland, Belgium, France, Germany and Switzerland. Each have their ideal of perfection. The mixture consists of a Grand Assortment from the world's leading growers. If you like PANSIES you must have the **INTERNATIONAL MIXTURE**. Price 25 cents per packet.
SPECIAL OFFER! To introduce our CHOICE IOWA SEEDS into the homes of one million new customers, we offer one packet each of the above unequalled novelties and a copy of our large illustrated catalogue, with beautiful colored plates, for only 25 cents.
IOWA SEED CO. (Established 1871) Des Moines, Iowa.

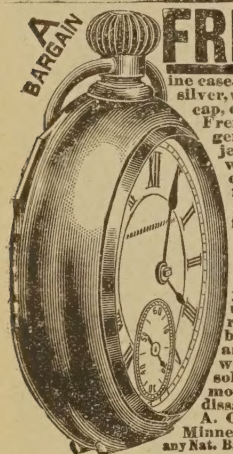
READER IF YOU RARE FLOWERS LOVE choice only, address **ELLIS BROS.** Keene, N. H. It will astonish and please. **FREE.**

SEEDS Send 12 cents for "The Floral World" 6 mos. and 10 pkts. seeds free. Giant Cyclamen, Pansy, Tuberoses Begonia, Dwarf Canna and, Passion Flower. A. C. ANDERSON, Leigh, Neb.

TO THE PUBLIC.

We claim, and we are prepared to prove that we have the best and surest remedy in all the world for the speedy and permanent cure of **Dyspepsia, Indigestion, Biliousness, Constipation, Liver Complaint, Sick Headache, Nervous Debility, Rheumatism and even Consumption** in its early stages. So sure are we of the great and unerring efficiency of our Remedy that we will gladly send a **free trial package** post-paid, to any reader of this advertisement who will send us his or her name and address. If it does not do what we claim the loss is ours, not yours. If you wish to regain your health write for a free trial package to-day. Address, **EGYPTIAN DRUG CO. 60 Warren St., New York.**

COINS WANTED. \$6.45 for 1853 quarter or half-dollar; \$1. for 1891 cent; \$3. for nickel cent; \$2. for 1866 quarter; or \$5. for 1853 dollar, if they are as required. Big prices for 1137 other kinds. Send 2 stamps for book. Wealth for you **H. B. Simonds & Co., Box 3046, Boston, Mass**



FREE TO EVERYONE to see and examine. Best original 4 oz. J. C. Dueber fine case. Stem wind silver line case. Cannot be told from coin silver, warranted a lifetime. Solid cap, double strength joints, flat French crystal. Movement a genuine American Trenton. 7 jeweled, solid nickel, stem wind, quick train, patent escapement and pinion, carefully regulated, warranted, 5 years. Sells everywhere for \$12.50. **OUR OFFER:** Cut this out and send to us and we will send you the watch by express C. O. D. subject to examination. If you are satisfied its a regular \$12 watch and just as represented, pay agent our bargain price of **\$4.90** warrant it equal to any ever sold for \$12. We will refund money any time you become dissatisfied. Big catalog sent free. **A. C. Roebuck Corporation, Minneapolis, Minn. (Inc.)** Refer to any Nat. Bank in Minn. Capital, \$75,000.

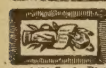
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Your Name IN GOLD AND JET ON 25 SILK FRINGE and Floral Cards, 1 Pocket Penell, Ink, Gold Pen, Initial Ring, Game of Happy-go-Lucky, new 100's, Age's Outlook, 450 Cards, Pictures, Riddles, etc., etc. **KING CARD CO., NORTH HAVEN, CONN.**

A FINE ROSE SURE to Grow, Sure to Bloom—and a packet of Beautiful Flower Seed. With Catalogue for 10c. **Wm. B. REED, Box 87, Chambersburg, Pa.**

ECKFORD'S LATEST NOVELTIES.



That famous Englishman, Eckford, has done more to improve Sweet Peas than any other five firms. Here are his latest, A No. 1 of course.

Mrs. Eckford. Large, handsome, self-colored flower, of the finest substance, a peculiarly delicate shaded primrose; exquisite.

Dorothy Tennant. Pure violet or rosy mauve, very distinct, beautiful; extra fine.

Lemon Queen. Delicate blush pink, standards tinted with lemon, with blush almost white wings; a very pleasing variety, large, grand.

Her Majesty. A beautiful soft rosy pink, very large, showy, handsome; a flower difficult to describe; very grand.

Waverly. Rosy claret shaded standards, pale blue wings shaded with rose; very distinct. Either of the above per packet 25 cents, set of 5 for \$1.15.

JAMES VICK'S SONS, Rochester, N. Y.

WORLD'S FAIR.—The American flag now floats from the Administration building at Jackson Park to signify that the World's Fair buildings and grounds are in the possession of the United States government. Vice-President Morton accepted them on behalf of the government on Dedication day, but actual possession was not taken until Director-General Davis, the chief government World's Fair official, moved into his offices in the Administration building. The raising of the stars and stripes signaled that event.

There is no ground for the published report that visitors to the Fair are to be made the victims of exorbitant charges. Competition will be so extensive and sharp as to prevent it. One who climbs to the top of one of the Exposition buildings and surveys the territory lying to the north, west and south of Jackson Park can easily believe this statement. There, and indeed in all parts of the city, the amount of building which is going on is simply astonishing. Hundreds of structures to meet World's Fair demands are being erected. Some of the new hotels are large enough to accommodate several thousand guests each. By the time the Fair opens Chicago will have living accommodations for not less than 300,000 strangers. Connected with the Exposition management is a Bureau of Public Comfort, through the agency of which many thousands of visitors can be directed to hotels, apartments, boarding houses, furnished rooms, etc., where they will be comfortably cared for at moderate prices. Eating facilities, both outside the Fair grounds and in the numerous restaurants in the Exposition buildings, will be so extensive that no one need fear that he will not be able to get all he needs to eat, and at reasonable charges.

Improving the Complexion.

A fine complexion is so essential to feminine beauty that ladies esteem it the most desirable of all attractions. Many, in hopes to obtain it, make the mistake of using cosmetics which are useless and very harmful, and it is asserted that some even take arsenic under the delusion that it clears the skin! Perhaps nothing ever offered for improving the complexion appeals so strongly to common-sense as the massage treatment of the Sylvan Toilet Co., of Detroit, Mich., by which the direct application of the scientific skin, nerve and flesh food, Massageo, is made to nourish and build up facial tissues and rub away wrinkles and lines. It is not a cosmetic; simply a harmless food for skin absorption, recommended by scientific and medical authorities and said to give a wonderfully fresh and youthful appearance. They introduced this treatment some years ago and it is widely famous. Many ladies make handsome incomes supplying the local demand for Massageo and the "Toilets" made by this company. They send a book describing Face Massage free on request.

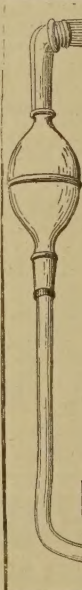
Beautiful Handkerchiefs

GIVEN AWAY! We mean just what we say. Direct from Japan we have imported a large quantity of elegant handkerchiefs. They are even handsomer than this picture, being made of a rare fibrous material by a secret process known only to these famous foreign artisans; the goods being known as shifu-silk crepe. Each handkerchief is about 14 inches square and has a charming border of various designs. These are used in many of the wealthiest homes for parlor decorations; they make a magnificent display. Ladies are delighted with them. Each one is decorated in beautiful designs by a fine Japanese artist. We must have 500,000 new subscribers at once, and in order to get them we must make a very liberal offer. We will therefore send three of these beautiful handkerchiefs **FREE** by mail, post paid to every one sending only 10c. for a 3 months' subscription to **The Home Circle** one of the best household magazines in the United States, having already over 100,000 readers. This offer is made to introduce it into every American home. Three lots and a 6 months' subscription for 25c. Ad. **The Home Circle, St. Louis, Mo.**



These are used in many of the wealthiest homes for parlor decorations; they make a magnificent display. Ladies are delighted with them. Each one is decorated in beautiful designs by a fine Japanese artist. We must have 500,000 new subscribers at once, and in order to get them we must make a very liberal offer. We will therefore send three of these beautiful handkerchiefs **FREE** by mail, post paid to every one sending only 10c. for a 3 months' subscription to **The Home Circle** one of the best household magazines in the United States, having already over 100,000 readers. This offer is made to introduce it into every American home. Three lots and a 6 months' subscription for 25c. Ad. **The Home Circle, St. Louis, Mo.**

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FOR THE WINDOW GARDEN—UNSURPASSABLE.
FOR THE CONSERVATORY—INDISPENSIBLE.
FOR THE GREEN-HOUSE—VERY USEFUL.
FOR THE BATH—DELIGHTFUL.
FOR USE IN FLOWER STORES—VERY DESIRABLE.
FOR DISTRIBUTING DISINFECTANTS IN SICK ROOMS—JUST THE THING.
FOR USING LIQUID INSECTICIDES ON SHRUBBERY AND SMALL TREES.
FOR SPRAYING INSECTICIDES IN POULTRY HOUSES, DOG KENNELS, ETC.
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NOVEL.
DURABLE.
SATISFACTORY.
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THREE SPRAY CAPS
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For use in all cases where a superfine, perfectly controllable spray is needed.

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By reason of the Filter attached, the openings in the Spray Caps are kept free. Get one from your Seedsman or Florist, or we will send you one Postage Prepaid on Receipt of Price \$2.25. Address: **BENJ. F. SILL, LONG ISLAND CITY, N. Y.**



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